

PR#10061298
SCOPE OF WORK
BASKEBALL COURT REPAIR SERVICES AT EMBASSY COMPOUND

A) Description of Service

The Embassy of the United States in Managua has a requirement to repair the Basketball Court located at the Embassy Compound. The works which will be involved in this project include but are not limited to leveling, resurface works and re-topping the Basketball Court. This project requires a professional and highly qualified Contractor to execute the job.

The Contractor shall provide all labor, material, tools, equipment, supervision and other related items required to complete the project as per scope of work and specifications. Contractors will be advised to visit the site for verifying the existing site conditions to develop their proposal. Site visiting date will be indicated by the Procurement Unit.

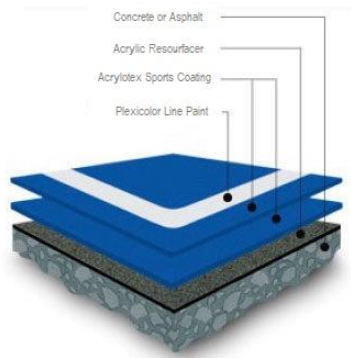
B) Scope of work

This document is being issued by the Embassy of the United States in Managua to enter into a contract for the following works:

1. Remove the existing asphalt to do a soil improvement of 45 cm.
2. The improvement will be done by removing 60% of volcanic scoriae and replace it with 60% of Select Material Soil from “Banco Los Martínez”. No other source will be accepted.
3. The soil Improvement will be done for the construction of the pavement structure.
4. Sports surfaces asphalt specifications
 - 4.1. Hot mix asphalt is required. Undulations or other irregularities will not vary more than 6 mm measured in three meters in any direction.
 - 4.2. It is recommended to give enough compaction to the pavement structure prior to the application of the asphalt 98% proctor standard at least.
 - 4.3. A primer must be applied on the surface of the pavement structure before the asphalt mix.
 - 4.4. The use of hot mix asphalt will generate a smooth, dense material and guarantee an adequate thickness and slope.
5. Basketball Court Resurfacing: All surface must be cleaned and should be free of dust, grease or other contaminant before treating. Dimensions of basketball court are: 16 m x 26.5 m. Total area to be resurfaced is 424 square meters. These measurements must be verified by contractor as part of their responsibilities.
6. At least 28 days must be cured before applying the final sport surface.
7. **Acrylotex Sports Surface** components shall be used on this resurface works. No other brands will be accepted.

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8. The following Acrylotex layers shall be applied as indicated on following diagram:
 - 8.1. One coat of acrylic resurfacer.
 - 8.2. Two coats of acrylic dark blue color inside the play area.
 - 8.3. Two coats of acrylic light blue color outside the play area.
 - 8.4. Two coats of acrylic line marking paint



C) Acrylotex System Specifications

9. The entire surface should be inspected for minor depressions or prominences. Any puddle area that covers two coins should be marked and repaired with the Court Patch Binder using the manufacturer's instructions and dosages. After patching, the surface will not vary more than 6 mm measured in three meters in any direction.
10. For the Patch Binder application, use steel trowel and/or metal screed to fill and level depressions, in the tennis court.
11. The surface to receive the Acrylic Resurfacer Mix shall be of uniform texture, clean, and free of grease, oils and other foreign materials other foreign materials.
12. Difference of levels on the entire surface shall be leveled with Court Patch Binder, following the manufacturer instructions.
13. Contractor will brush, vacuum, or blower (as appropriate in each area for safety and convenience) all dust, dirt, and embedded dirt. Stains, resins, and areas that are not easily cleaned should be washed and mechanically removed.
14. The contractor shall also suit temporary obstacles to protect the coatings during drying and curing periods.
15. The materials specified for the color system will be delivered to the site in sealed, properly labeled with the manufacturer's labels. Products packaged or labeled in any other way will not be accepted. Mixing with water should only be done in the workplace. The material will be mixed

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according to the manufacturer's instructions and dosage. Paint should be applied with flexible rubber squeegees. Avoid painting with compressed air to remove contamination on adjacent surfaces.

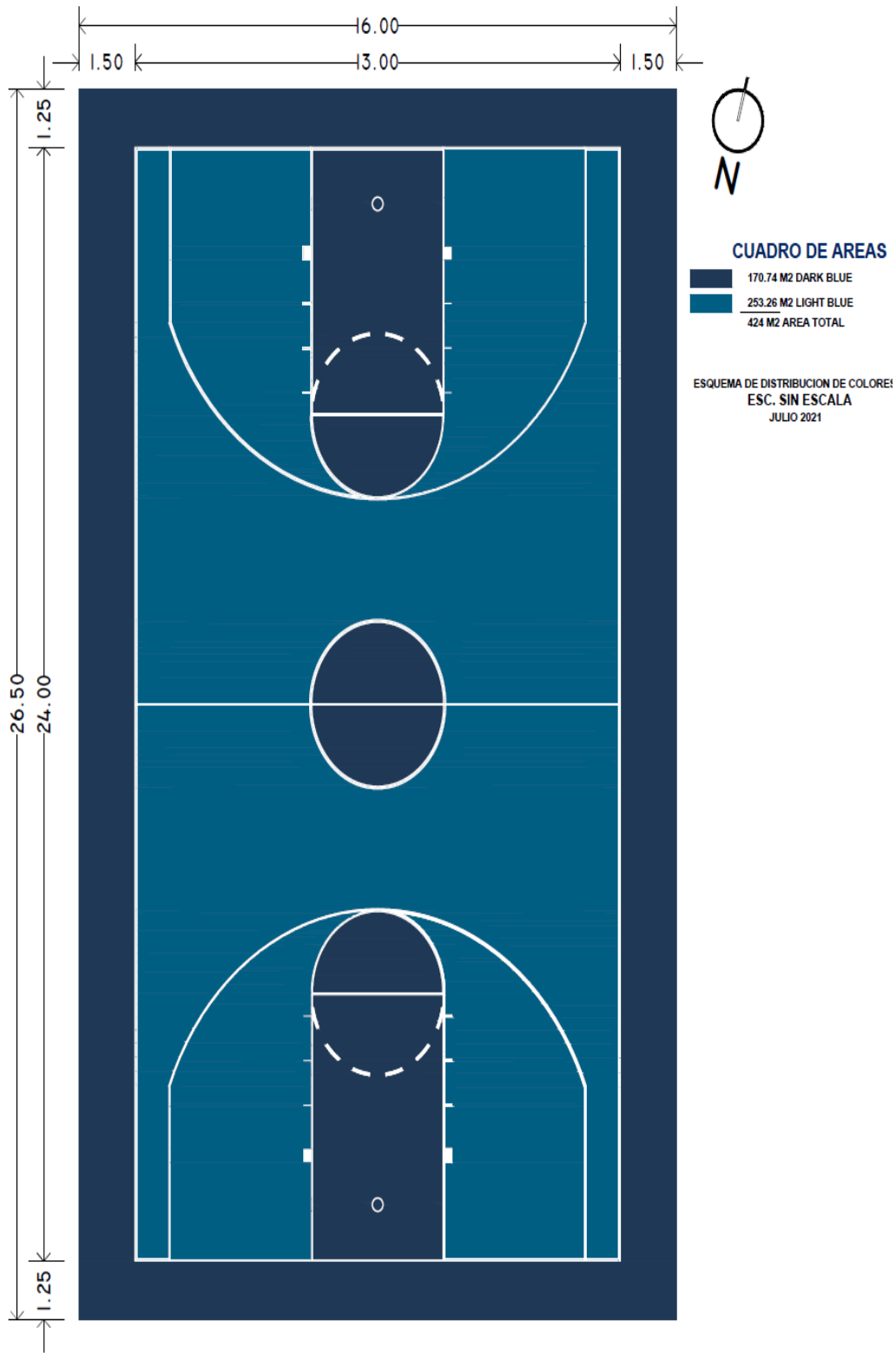
16. The Line Paint, as designated on drawings and in specifications, shall conform to the following characteristics and performance:

16.1.1. The paint shall be an acrylic emulsion type for line paint applications. Plexicolor Line Paint Textured White or Hi Hide White will be used. No other brands will be accepted. The paint shall also be suitable for application by brush, spray, or roller.

16.1.2. Mark lines should be 2" wide and dimensions as specified. Please note that the dimension's outer field dimensions may vary.

16.1.3. All given measurements shall be confirmed by the Contractor. Dimensions in drawing may vary.

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D) Basketball Hoops (Provide separated cost for this item)

17. Outdoor equipment tested for post deflection, backboard vibration, structural integrity, and load capacity is required.
18. Model must feature a 6" x 6" square steel inground post, approximately 14' tall, with 42" installed in concrete footing. Post is 1/4" thick schedule 40 steel. Heavy-gauge triangular extension arm with thick bracing for board stability. Entire post, extension arm, and braces must be galvanized first, then powder coated black. Steel board system must include fixed rim. Glass board system must include breakaway double rim. Post padding is not optional as recommended for player safety.
19. 42" x 72" glass backboard. Two units will be required.

E) Equipment and safety

20. Contractors must provide their own equipment, tools, ladders and scaffolds.
21. Embassy only provides water and electrical power for this work. Contractor must provide all equipment and materials.
22. Contractor must follow all working safety regulations and provide their personnel with appropriate safety equipment like gloves, security shoes, ocular protection, earring protection, falling protection etc. A site meeting will be held to discuss safety issues prior to work commencing.
23. Upon completion of work area is to be returned to clean condition with no dust or paint stains in evidence and no excess paint dropping on floors, outlets or fixtures.
24. All retopping works should be included and the area should be kept clean during and at the end of each working days.
25. All damaged areas during the working process should be restored to its original conditions.
26. Contractor must remove and dispose all exceeding material.

F) Submittals

The contractor shall submit the following along with the proposal:

27. Standard Form SF 18
28. Quote
29. Schedules
30. Blueprints
31. Technical capability proof to undertake the project
32. Manufacturer's data: Submit complete data on materials

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33. Other

G) General Conditions

34. This is a firm fixed price turnkey job for all work and the amount quoted will include all work described in the attached drawing, scope of work and general contract condition.
35. Contractor's staff is subject to such restriction for entry and exit as are required by the Embassy's security requirement. Contractor's staff will be subject to security cleared as required by the Embassy.
36. Contractor shall be responsible for procuring, supplying, transporting, and providing all labor, materials, tools and plant and equipment etc., required for completion of the work in all respects and as per the scope of the work.
37. Work under this contract shall be carried out strictly in accordance with specifications attached and will meet US and Local codes.
38. All materials shall be stored in a proper manner protected from natural elements to avoid contamination and deterioration. US Embassy will provide a proper space to do it.
39. Workers working on the site shall be skilled in their job and have related job experience.
40. The Contractor shall inform and provide in writing transportation details (vehicle registration number, drivers name, and date of delivery) at least 3 days hours in advance for material deliveries.
41. Contractor shall give workers names at least 3 days in advance to get the security clearance.
42. Contractor is responsible and shall continue management and implementation of a Safety and health program throughout construction.
43. Contractor shall provide all Personal Protective Equipment for the workers as per the requirement of the site.
44. Contractor will not leave the work site in an unsafe condition or any other condition that might cause injury to personnel, damage to existing work, plants or equipment.
45. Contractor will use all safety gadgets e.g. hard hats, cotton gloves and goggles as required on site to avoid the accident.
46. Any equipment or work considered dangerous shall be immediately discontinued.

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Additional Technical Information Contact(s):

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